

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/526,722
Source: PCR/10
Date Processed by STIC: 1/10/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/10/526,722

TIME: 08:09:35

Input Set : E:\SER-102-SeqList.txt

Output Set: N:\CRF4\01102006\J526722.raw

```

3 <110> APPLICANT: DAVIDS, Andrew Robert
4      PHELPS, Christopher Benjamin
5      FAGAN, Richard Joseph
6      POWER, Christine
7      YORKE, Melanie
9 <120> TITLE OF INVENTION: PROTEIN KINASES
11 <130> FILE REFERENCE: SER-102
13 <140> CURRENT APPLICATION NUMBER: US 10/526,722
14 <141> CURRENT FILING DATE: 2005-03-04
16 <150> PRIOR APPLICATION NUMBER: GB 0220770.2
17 <151> PRIOR FILING DATE: 2002-09-06
19 <150> PRIOR APPLICATION NUMBER: PCT/GB03/03862
20 <151> PRIOR FILING DATE: 2003-09-05
22 <160> NUMBER OF SEQ ID NOS: 164
24 <170> SOFTWARE: SeqWin99, version 1.02
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 57
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
31 <400> SEQUENCE: 1
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34 <210> SEQ ID NO: 2
35 <211> LENGTH: 19
36 <212> TYPE: PRT
37 <213> ORGANISM: Homo sapiens
39 <400> SEQUENCE: 2
40 Met Ala Gly Pro Gly Gly Trp Arg Asp Arg Glu Val Thr Asp Leu Gly
41 1          5          10          15
43 His Leu Pro
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 66
48 <212> TYPE: DNA
49 <213> ORGANISM: Homo sapiens
51 <400> SEQUENCE: 3
52 gatccaactg gaatattctc actagataaa accattggcc ttggtactta tggcagaatc      60
53 tatttg      66
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 22
57 <212> TYPE: PRT
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 4
61 Asp Pro Thr Gly Ile Phe Ser Leu Asp Lys Thr Ile Gly Leu Gly Thr
62 1          5          10          15

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64 Tyr Gly Arg Ile Tyr Leu
65                20
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 57
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
72 <400> SEQUENCE: 5
73 ggacttcacg agaagactgg tgcatttaca gctgttaaag tgatgaacgc tcgtaag      57
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 19
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 6
81 Gly Leu His Glu Lys Thr Gly Ala Phe Thr Ala Val Lys Val Met Asn
82 1                5                10                15
84 Ala Arg Lys
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 72
89 <212> TYPE: DNA
90 <213> ORGANISM: Homo sapiens
92 <400> SEQUENCE: 7
93 acccctttac ctgaaatagg aaggcgagtg agagtgaata aatatcaaaa atctgttggg      60
94 tggagataca gt                                72
96 <210> SEQ ID NO: 8
97 <211> LENGTH: 24
98 <212> TYPE: PRT
99 <213> ORGANISM: Homo sapiens
101 <400> SEQUENCE: 8
102 Thr Pro Leu Pro Glu Ile Gly Arg Arg Val Arg Val Asn Lys Tyr Gln
103 1                5                10                15
105 Lys Ser Val Gly Trp Arg Tyr Ser
106                20
108 <210> SEQ ID NO: 9
109 <211> LENGTH: 126
110 <212> TYPE: DNA
111 <213> ORGANISM: Homo sapiens
113 <400> SEQUENCE: 9
114 gatgaggaag aggatctcag gactgaactc aaccttctga ggaagtactc tttccacaaa      60
115 aacattgtgt cttctatgg agcatttttc aagctgagtc cccctgggtca gcggcaccaa      120
116 ctttgg                                126
118 <210> SEQ ID NO: 10
119 <211> LENGTH: 42
120 <212> TYPE: PRT
121 <213> ORGANISM: Homo sapiens
123 <400> SEQUENCE: 10
124 Asp Glu Glu Glu Asp Leu Arg Thr Glu Leu Asn Leu Leu Arg Lys Tyr
125 1                5                10                15
127 Ser Phe His Lys Asn Ile Val Ser Phe Tyr Gly Ala Phe Phe Lys Leu
128                20                25                30

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130 Ser Pro Pro Gly Gln Arg His Gln Leu Trp
131          35          40
133 <210> SEQ ID NO: 11
134 <211> LENGTH: 111
135 <212> TYPE: DNA
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 11
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140 cagagtttaa aagaagattg gattgcttat atctgccgag aaatccttca g 111
142 <210> SEQ ID NO: 12
143 <211> LENGTH: 37
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapiens
147 <400> SEQUENCE: 12
148 Met Val Met Glu Leu Cys Ala Ala Gly Ser Val Thr Asp Val Val Arg
149 1          5          10          15
151 Met Thr Ser Asn Gln Ser Leu Lys Glu Asp Trp Ile Ala Tyr Ile Cys
152          20          25          30
154 Arg Glu Ile Leu Gln
155          35
157 <210> SEQ ID NO: 13
158 <211> LENGTH: 91
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 13
163 ggcttagctc accttcacgc acaccgagta attcaccggg acatcaaagg tcagaatgtg 60
164 ctgctgactc ataatgctga agtaaaactg g 91
166 <210> SEQ ID NO: 14
167 <211> LENGTH: 31
168 <212> TYPE: PRT
169 <213> ORGANISM: Homo sapiens
171 <400> SEQUENCE: 14
172 Gly Leu Ala His Leu His Ala His Arg Val Ile His Arg Asp Ile Lys
173 1          5          10          15
175 Gly Gln Asn Val Leu Leu Thr His Asn Ala Glu Val Lys Leu Val
176          20          25          30
178 <210> SEQ ID NO: 15
179 <211> LENGTH: 131
180 <212> TYPE: DNA
181 <213> ORGANISM: Homo sapiens
183 <400> SEQUENCE: 15
184 ttgatttttg agtgagtgcc caggtgagca gaactaatgg aagaaggaat agtttcattg 60
185 ggacaccata ctggatggca cctgaggtga ttgactgtga tgaggacca agacgtcct 120
186 atgattacag a 131
188 <210> SEQ ID NO: 16
189 <211> LENGTH: 43
190 <212> TYPE: PRT
191 <213> ORGANISM: Homo sapiens
193 <400> SEQUENCE: 16

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194 Asp Phe Gly Val Ser Ala Gln Val Ser Arg Thr Asn Gly Arg Arg Asn
195 1          5          10          15
197 Ser Phe Ile Gly Thr Pro Tyr Trp Met Ala Pro Glu Val Ile Asp Cys
198          20          25          30
200 Asp Glu Asp Pro Arg Arg Ser Tyr Asp Tyr Arg
201          35          40
203 <210> SEQ ID NO: 17
204 <211> LENGTH: 55
205 <212> TYPE: DNA
206 <213> ORGANISM: Homo sapiens
208 <400> SEQUENCE: 17
209 agt gat gtgt ggt ctgt ggg aatt act gcc att gaa atg ctg aag gag ccctc      55
211 <210> SEQ ID NO: 18
212 <211> LENGTH: 19
213 <212> TYPE: PRT
214 <213> ORGANISM: Homo sapiens
216 <400> SEQUENCE: 18
217 Ser Asp Val Trp Ser Val Gly Ile Thr Ala Ile Glu Met Ala Glu Gly
218 1          5          10          15
220 Ala Pro Pro
223 <210> SEQ ID NO: 19
224 <211> LENGTH: 79
225 <212> TYPE: DNA
226 <213> ORGANISM: Homo sapiens
228 <400> SEQUENCE: 19
229 ctctgtgtaa ctttcaaccc ttggaagctc tcttcgttat tttgcgggaa tctgctccca      60
230 cagtcaaadc cagcggatg
232 <210> SEQ ID NO: 20
233 <211> LENGTH: 26
234 <212> TYPE: PRT
235 <213> ORGANISM: Homo sapiens
237 <400> SEQUENCE: 20
238 Leu Cys Asn Leu Gln Pro Leu Glu Ala Leu Phe Val Ile Leu Arg Glu
239 1          5          10          15
241 Ser Ala Pro Thr Val Lys Ser Ser Gly Trp
242          20          25
244 <210> SEQ ID NO: 21
245 <211> LENGTH: 176
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 21
250 gtcccgt aag ttccacaatt tcatggaaaa gtgtacgata aaaaatttcc tgtttcgtcc      60
251 tacttctgca aacatgcttc aacacccatt tgttcgggat ataaaaaatg aacgacatgt      120
252 tgttgagtca ttaacaaggc atcttactgg aatcattaaa aaaagacaga aaaaag      176
254 <210> SEQ ID NO: 22
255 <211> LENGTH: 59
256 <212> TYPE: PRT
257 <213> ORGANISM: Homo sapiens
259 <400> SEQUENCE: 22

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260 Ser Arg Lys Phe His Asn Phe Met Glu Lys Cys Thr Ile Lys Asn Phe
261 1          5          10          15
263 Leu Phe Arg Pro Thr Ser Ala Asn Met Leu Gln His Pro Phe Val Arg
264          20          25          30
266 Asp Ile Lys Asn Glu Arg His Val Val Glu Ser Leu Thr Arg His Leu
267          35          40          45
269 Thr Gly Ile Ile Lys Lys Arg Gln Lys Lys Gly
270          50          55
272 <210> SEQ ID NO: 23
273 <211> LENGTH: 64
274 <212> TYPE: DNA
275 <213> ORGANISM: Homo sapiens
277 <400> SEQUENCE: 23
278 gaataccttt gatctttgaa agagaagaag ctattaagga acagtacacc gtgagaagat 60
279 tcag                                     64
281 <210> SEQ ID NO: 24
282 <211> LENGTH: 21
283 <212> TYPE: PRT
284 <213> ORGANISM: Homo sapiens
286 <400> SEQUENCE: 24
287 Ile Pro Leu Ile Phe Glu Arg Glu Glu Ala Ile Lys Glu Gln Tyr Thr
288 1          5          10          15
290 Val Arg Arg Phe Arg
291          20
293 <210> SEQ ID NO: 25
294 <211> LENGTH: 1156
295 <212> TYPE: DNA
296 <213> ORGANISM: Homo sapiens
298 <400> SEQUENCE: 25
299 aggacctct tgcactcacg agcttctgag attgccaaacc agcagcagat gcagaccact 60
300 tagatcctg catggggaac cctctcagcc aaggtggcta cctgatcgag aagagccaca 120
301 ggtccaggca cttcagcagc tacaggggagc agccagggta ttcattgccac tgcaggctct 180
302 ggacagtgca cctaagcctc taaaggggca ggctcaggca cctcaacgac tacaaggggc 240
303 agctcgggtg ttcattgccac tacagggtca ggtgaaggct aaagcctcta aacctctaca 300
304 aatgcagatt aaggcacctc cagcactacg gagggcagcc aggggtgctca tgccactaca 360
305 ggcacagggt agggcaccta ggcttctgca ggtacagtcc caggtatcca aaaagcagca 420
306 ggcccagacc cagacatcag aaccacaaga tttggaccag gtaccagagg aatttcaggg 480
307 tcaagatcag gtacccgaac aacaaaggca gggccaggcc cctgaacaac agcagaggca 540
308 caaccagggt cctgaacaag agctggagca gaaccaggca cctgaacagc cagaggtaca 600
309 ggaacagggt gccgagcctg cacaggcaga gactgaggca gaggaacctg agtcattacg 660
310 agtaaagtcc caggtatttc tgcccctgct atcacaagat caccatgtgc tgttgccact 720
311 acatttggtg actcagggtg tcattccagt agaggggcaa actgaaggat cacctcaggc 780
312 acaggcttgg aactagaac ccccacaggc aattggctca gttcaagcac tgatagaggg 840
313 actatcaaga gacttgcttc gggcaccaaa ctcaaataac tcaaagccac ttggtccgtt 900
314 gcaaaccctg atggaaaatc tgtcatcaaa taggttttac tcacaaccag aacaggcacg 960
315 ggagaaaaaa tcaaaaagtt ctactctgag gcaagcactg gcaaaaagac tatcaccaaa 1020
316 gaggttcagg gcaaagtcac catggagacc tgaaaagctt gaactctcgg atttagaagc 1080
317 ccgcaggcaa aggcgcacaac gcagatggga agatatcttt aatcagcatg aggaagaatt 1140
318 gagacaagtt gataaa

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VERIFICATION SUMMARY

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